



# ER23-2-120W SERIES

## Planar Power Transformer

### FEATURES

- Use EIR23 Planar magnetic Core, multilayer pcb technique.
- Use for DC/DC module power, max output power 120W.
- Working frequency: 200K~300K.

### OPTIONS

- Outline dimension: 23.9\*22.8\*8.2MM(Max).
- Withstand voltage between secondary coils:1.5KVDC.

### APPLICATIONS

- Working temperature Range: -40°C ~ +85°C.
- Weight: ≤ 14g

| PART NUMBER | Pri to Sec Ratio | Primary N1(P1-P2) |                          |                     | Sec N2+N3   |
|-------------|------------------|-------------------|--------------------------|---------------------|-------------|
|             | N1:(N2+N3)       | Inductance (Min)  | Leakage Inductance (Max) | DC Resistance (Max) |             |
| ER23T302021 | 2:(2+2)          | 12uH              | 0.5uH                    | 0.9mΩ               | 1.1mΩ+1.1mΩ |
| ER23T302031 | 2:(3+3)          | 12uH              | 0.5uH                    | 1.1mΩ               | 3.3mΩ+3.3mΩ |
| ER23T302051 | 2:(5+5)          | 12uH              | 0.5uH                    | 0.9mΩ               | 8.2mΩ+8.2mΩ |
| ER23T303011 | 3:(1+1)          | 28uH              | 0.5uH                    | 2.8mΩ               | 0.4mΩ+0.4mΩ |
| ER23T304021 | 4:(2+2)          | 50uH              | 0.5uH                    | 4.2mΩ               | 2.8mΩ+2.8mΩ |
| ER23T304031 | 4:(3+3)          | 50uH              | 0.5uH                    | 4.2mΩ               | 3.5mΩ+3.5mΩ |
| ER23T304041 | 4:(4+4)          | 50uH              | 0.5uH                    | 4.2mΩ               | 4.8mΩ+4.8mΩ |

